

TABLE 6

**Model fit indices for job satisfaction latent class analysis models: 2017**

(Number and percent)

Number of classes	aBIC	% decrease in aBIC	Entropy	% stability
1	284,723.38	na	1.00	100.0
2	156,332.10	45.1	0.83	100.0
3	127,433.84	18.5	0.81	100.0
4	110,519.21	13.3	0.76	89.1
5	101,000.73	8.6	0.75	60.8
6	94,821.93	6.1	0.74	52.8
7	89,434.25	5.7	0.74	86.8
8	86,985.42	2.7	0.73	54.5

na = not applicable.

aBIC = adjusted Bayesian Information Criterion.

**Note(s):**

Stability is based on 1,000 random starts.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2017.